

Prof. Maurizio Brocchini



Maurizio Brocchini is an expert in the hydrodynamics and morphodynamics of natural water streams. His main area of research is the mathematical and numerical modeling of shallow water flows. He graduated in Theoretical Physics, with full marks and honors, in 1989 at the University of Bologna (Italy). He earned his PhD in Applied Mathematics in 1996 at the University of Bristol (UK), under the tutoring of Prof. D.H. Peregrine. Currently, he is Full Professor of Hydraulics and Fluid Mechanics at the Università Politecnica delle Marche, Ancona, Italy. He managed and collaborated to 11 European Union funded projects, 3 international research projects and 4 national

research projects funded by the Italian MIUR. He is Associate Editor of the scientific journals: 1) *Journal of Waterways Ports Coasts and Ocean Engineering*, A.S.C.E., 2) *Coastal Engineering*, Elsevier, 3) *Journal of Ocean Engineering and Marine Energy*, Springer. He is author/co-author of over 200 peer-reviewed papers, of which over 90 appearing on ISI-listed international journals, with total citations exceeding 1100 and h-index of 18. He was awarded by the European Community a Marie Curie Fellowship for research in the years 1993-1996.